Approved See through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid ONB control number

bstitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known			
Application Number	10/049,438	_	
Filing Date	May 30, 2002	_	
First Named Inventor	Takahiro NAKAJIMA et al.	_	
Group Art Unit	1754	_	
Examiner Name		_	
Attorney Docket Number	11197/7		

			U.S. PATENT [	OCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	
	No.'	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	1	US-3,594,347	07/20/71	Lazarus et.al.	Figures Appear
	2	US- 3,847,873	11/12/74	Jackson et al.	
	3	US- 6,239,200 B1	05/29/01		1
	4	US- 6,392,005 B1	05/21/02	Jen	7
		US-			<del> </del>
		US-			
		US-			
		US			= 0
		US-			
		US-			20°2
		US-	· · · · · · · · · · · · · · · · · · ·		
		US-			0
-		US-		<del>                                     </del>	
		US-			
		US-			10

	·	FOREIGN PA	ATENT DOCU	MENTS		
Examiner Cite	Cite	Foreign Patent Document		<u> </u>	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> – Number <sup>4</sup> • Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τ <sup>6</sup>
	1	GB 1 348146	03/13/74	1	устот фресы	X
	2	JP 2000 63504	02/29/00	7000		abstr
	3	JP 8 193127	30/07/96	rel		abstr
	4	JP 46 5395	_29/11/71	1		
	5	WO 96/11978 EP	04/25/96			abstr
	6	WO 96/41828 US	12/27/96			X
	7	WO-99/28033 GB	06/10/99			X
	8	WO 00/71252 A1 GB	11/30/00			X
	_9	WO 01/42335_A1_US	06/14/01			X
	10	WO 02/098500 A1	09/06/02			X

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether a relativistic in the considered of the considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Patents, Washington, DC 20231. DC 01 428108 v1

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw fine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

APR 2 1 2003 75

Substitute for form 1449A/PTO	ATTY. DOCKET NO. 11197/7	SERIAL NO. 10/049,438
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANTS Takahiro NAKAJIMA, et	
	FILING DATE May 30, 2002	GROUP

	<del> </del>	U. S. PATE	NT DOCUMENTS		
EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME .	CLASS/ SUBCLASS	FILING DATE
M	6,156,867	December 5, 2000	Aoyama et al.	454	
				GROU	1700
				APR 2	4 2063
				RECE	IVED
				-	

FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT NUMBER **EXAMINER** CLASS/ SUBCLASS INITIAL DATE COUNTRY YES NO EP 0 909 775 4/21/1999 Europe Х Al, JP 10259296 9/29/1998 Japan Abstr. JP 10324741 12/8/1998 Japan Abstr. JP 11228681 8/24/1999 Japan Abstr. Q JP 11228682 8/24/1999 Japan Abstr.

·	OTHER DOCUME	ENTS				
EXAMINER INITIAL						
<del></del>						
EXAMINER	Mollin	DATE CONSIDERED Chrue 1)4) (1) (1)				
EXAMINER: Init not considered. It	ial if citation considered, whether or not citation is in conformance with clude copy of this form with next communication to applicant.	121,20				

PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0331
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ostitute for form 1449A/PTO

### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

	C mplete if Known
Application Number	10/049,438
Filing Date	May 30, 2002
First Named Inventor	Takahiro NAKAJIMA, et al.
Group Art Unit	1754
Examiner Name	Unassigned
Attorney Docket Number	11197/7

		T		<u></u>		E1412		
Examiner Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication MM-DD-Y		Name	of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Who	ant
	1	US- 1,348,146	03-13-19	74	<b></b>	Jackson et al.	Figures Appear	
	2	US- 3,574,174	04-06-19	71		Bayer et-et.	RECEIV	
	3	US- 5,639,825	06-17-19	97		Nanbu et al.	- DECEM	150
	4	US- 3,329,651	07-04-19	67		Dobinson et al.	- Complete State of the state o	
	5	US- 5,561,183	10-01-19	96		Kwon et al.	JUI no	
	6	US- 3,594,347	21-19 كر			Lazarus et al.		3
	7	US- 3,847,873 N	11-12-19	74	<b> </b>	Jackson et al.	- 1 C 3 C	
	8	US- 5,399,607	03-21-19	95		Nanbu et al		
	9	US- 6,239,200	05-29-20	01		Kao et al		
	10	US- 6,392,005	05-21-20			Jen		
	-11	-US6,156,867	12-05-20	00		Aoyama et al.		
	12-	US- 6,489,434	12-03-20	02		Jen Jen		
M	13	US 5,733,969	03/31/98			Thiele		
		E	OREIGN PA	TENT	DOCL		<del></del>	
xaminer Initials*	Cite No. <sup>1</sup>	Foreign Patent Docu Country Code <sup>3</sup> - Number <sup>4</sup> - Kind C	ment ode <sup>5</sup> (if known)	Publ C MM-D	lication late D-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear	Ţ <sup>6</sup>
		JP 2002-226568		08/	14/02	Nan Ya Plastics Corporation		<b> </b>
<del>/_</del> _	15	JP 03 215522		09/2	20/91	Toray Ind Inc.		Abstr.
	_ 16	JP 09 291141		11-1	11-97	Nippon Ester Co Ltd.		Abstr.
	<del>17</del>	JP 06 279579		10-0	)4-94	Kanebo Ltd.		Abstr.
	18	JP 10 036495		02/1	0/98	Nippon Ester Co. Ltd.		Abstr.
	19 20	JP 55 116722		09/0	8/80	Toyobo Co. Ltd.		Abstr.
	20 21	JP 08 073581		03/1	9/96	Hoechst AG		Abstr.
	22	JP 10-250296		09/2	9/98	Kuraray-Go. Ltd.		-Abstr
4		JP 10 251394		09/2	2/98	Mitsui Chem Inc.		Abstr.
	23	JP 08 193127		07/3	0/96	Daiso Go., LTD		—Abstr.
	-24	JP-11-228681		08/2	4/09	Toray-Ind., Inc.		-Abstr
	25	JP-11-228682		08/2	4/99-	Toray Ind., Inc.		—Abstr.—
	26	JP-10-324741		1:2/0	8/98	Toray Ind., Inc.		
	27	JP 2000-302854		10/3		Toyobo Co., Ltd.		Abstr
	28	WO 99/28033		06/1		Tioxide Specialties Limited		Abstr.

**U.S. PATENT DOCUMENTS** 

Examiner Signature

Date Considered

Place 24 200

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case, Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Patents, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002: OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

Attorney Docket Number

litute for form 1449A/PTO

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 3

	TOTAL SET TOTAL CONTROL THE FORMAL PROPERTY OF THE PARTY
	C mplete if Known
Application Number	10/049,438
Filing Date	May 30, 2002
First Named Inventor	Takahiro NAKAJIMA, et al.
Group Art Unit	1754
Examiner Name	Unassigned

11197/7

	Γ	FOREIGN PA	TENT DUCU	MENIS		
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	70
	29	WO 00/71252 A1	11/30/00	ACMA Limited	rigures Appear	<del>                                     </del>
	30	WO 01/42335 A1	06/14/01	Dow Chemical Co.		
	31	WO 96/41828	12/27/96	E.I. Dupont De Nemours & Co.	Dro-	
	32	WO 96/11978	04/25/96	CIBA-GEIGY	TECEN	E
	33	EP 0 419 669 A1	03/04/91	Kanegafuchi Kagaku Kogyo Kabushiki Kaisha	JUL 0 2 20	no co
	34	JP 61 101527	05/02/86	Toray Ind., Inc.	- 20	Abst
	35	JP 60 035023	02/22/85	Kuraray Co., Inc.	10.170	-
	36	EP 0 909 775 A1	04/21/99	Toray Ind., Inc.		Absti
	37	EP 0 768 319 A1	04/16/97	Nippon Oil Co., Ltd.		
	38	EP 0 628 402 A3	05/26/94	Amoco Corp.		
	39	PF 0 626 402 A2	05/26/94	Amoco Corp.		
	40	JP 46 5395	11/29/71	Imperial Chem Ind. Ltd.		Abstr
	41	JP 03 231918	10/15/71	Teijin Ltd.		Abstr
	42	JP 60 053532	03/27/85	Mitsubishi Chem. Ind. Ltd.		Abstr
	43	DE 495,385	08/10/65	Monsanto Co.		

Examiner Signature

**Date Considered** 

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DC01 459180 v1

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional) . <sup>2</sup> See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

Sheet

Signature

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

	Compl t if Known
Application Number	10/049,438
Filing Date	May 30, 2002
First Named Inventor	Takahiro NAKAJIMA, et al.
Group Art Unit	1754
Examiner Name	Unassigned
Attorney Docket Number	11197/7

	<del></del>	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cité No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
M		Adding Value to Polymers, Ciba Specialty Chemicals, K.K., Publ. No. J-99-001, pp. 8 and 12	-
		RECEIVED	
		JUL 0 2 2003	
		TC 1700	
1))			
Examiner	1	Date Oli	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.459180 v1

<sup>&</sup>lt;sup>1</sup> Unique citation désignation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ubstitute for form 1449A/PTO

Sheet

#### INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

of

Complete if Known Application Number 10/049,438 Filing Date May 30, 2002 First Named Inventor T. NAKAJIMA et al. Art Unit 1754 **Examiner Name** Unassigned Attorney Docket Number 11197/7

Examiner Initials *	Cite No.'	Document Number  ite  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	
				Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		US			Figures Appear
		US			1/3
		US-			
		US-	<del></del>		
		US-			350
		US-			
		US-			
		US-			7
		US-			
		US-	<del></del>		
		US-			<del></del>
		US-			· · · · · · · · · · · · · · · · · · ·
		US-			
		US- ,			
		US-			
		US-			

Examiner Initials*		Foreign Patent Document		MENTS	Pages, Columns.	т
	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Lines, Where Relevant Passages or Relevant Figures Appear	Τ*
100	1	JP 2000 63504	02/29/00	Toray Ind. Inc.	7 фрем	Abstr.
M	2	JP 2001 278970	10/10/01	Toyobo Co., Inc.		Abstr.
M	3	JP 2001 163964	06/19/01	Toyobo Co., Ltd.		Abstr.
	4	JP 2001 131276	05/15/01	Toyobo Co., Ltd.		Abstr.
	5	JP 46 5395	11/29/71	Imperial Chem.		Abstr. Example
	6	<del>GB 1,348,146</del>	03/13/74	Imperial Chem Ind. Ltd.		Table
				IIIG. Ltd.		

Examiner Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. DC01 466388 v1

11197/7

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Substitute for form 1449A/PTO Complete if Known Application Number 10/049,438 NFORMATION DISCLOSURE Filing Date May 30, 2002 STATEMENT BY APPLICANT First Named Inventor Takahiro NAKAJIMA et al. Group Art Unit 1754 (use as many sheets as necessary) Examiner Name

Attorney Docket Number

Sheet

of 1

			U.S. PATENT	DOCUMENTS	
Examiner Initials *	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
	No.1	Number - Kind Code <sup>2</sup> (if known)			Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
11/	1	US-3,594,347	07/20/71	Lazarus et al.	- Igares Appear
13	2	US- 3,847,873	11/12/74	Jackson et al.	
1n_	3	US- 6,239,200 B1	05/29/01	Kao et al.	
m	4	US-6 <del>,329,005</del> B1	05/21/02	Jen	
1		us-6,392,005			
		US-			PAPENTIN /PI
		US-			REGEIVE
		US-			
		US-			OCT 2 1 2002
		US-			00. 2 2 2002
		US-			TO 4700
		US-			16 1/00
		US-			
		US-			
		US-			

		FOREIGN PA	TENT DOCU	MENTS		
Examiner Initials*	Cite	Foreign Patent Document	-		Pages, Columns, Lines,	T
	No.1	Country Code <sup>3</sup> – Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
m	1	GB 1 348146	03/13/74			x
M	- 2	JP 2000 63504	02/29/00			abstr
a	- 3	JP 8 193127	30/07/96			abstr
(a_	4	JP 46 5395	29/11/71		<del></del>	abstr
M	5	WO 96/11978 EP	04/25/96			
à	6	WO 96/41828 US	12/27/96			X
	7	WO 99/28033 GB	06/10/99			X
2	- 8	WO 00/71252 A1 GB	11/30/00			X
	-9	WO 01/42335 A1 US	06/14/01			X
M	10	WO 02/068500 A1	09/06/02			X

Examiner Signature		M	In m	Date Considered	Februar 24, 2004
EXAMINER: Initia	al if reference consid	dered, wheth	er or not citation is in confo	mance with MPEP (	609. Draw line through criation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231, DC01 428108 v1

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. <sup>a</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

COV 1-3 2002 2

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Baperwork Reduction Activities, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 14400 PTO 77406 PMP

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known					
Application Number	10/049,438				
Filing Date	May 30, 2002				
First Named Inventor	Takahiro NAKAJIMA et al.				
Group Art Unit	1754				
Examiner Name	Unassigned				
Attorney Docket Number	11197/7				

			U.S. PATENT	DOCUMENTS		
Examiner	Cite	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevan Passages or Relevant	
Initials *	No.			Cited Document		
1	<u> </u>	US-3,329,651	07/04/67	Dobinson	Figures Appear	
11	_ 2	US- 3,574,174	04/06/71	Bayer et al.		
<u> </u>	3	US- 5,399,607	03/21/95	Nanbu et al.	-	
	4	US- 5,561,183	10/01/96	Kwon et al.	<del></del>	
(	5	US- 5,639,825	06/17/97	Nanbu et al.	1 7 3	
		US-			NO OF THE	
	_	US-				
		US-			<del> </del>	
		US-				
		US-			- <u> </u>	
		US-				
		US-			9	
		US-		· · · · · · · · · · · · · · · · · · ·	<u> </u>	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			· · · · · · · · · · · · · · · · · · ·	
		US-				

	T	FOREIGN PA	TENT DOCU	MENTS	\	
Examiner Initials*	Cite	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				   1*
n	1	JP 03 231918	10/15/91		, даног фрес.	abstr
1	2-	JP 60 053532	03/27/85		<del>                                     </del>	abstr
<u>- M</u>	3	CH 495 395A	08/31/70		<del></del>	- UD3(1
W	4	EP 0 419 669A1	04/03/91			abstr
$\alpha$	5_	JP 61 101527	05/20/86			abstr
M	6	JP 60 035023	07/04/85	-		
	7	EP 0 768 319A1	04/16/97			abstr- -abstr-
2	8	EP 0 626 402A2	11/30/94			-abstr
						นมอแ

Examiner Signature

Date Considered

Figure 24, 2004

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through ditation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DC01 431103 v1

+

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional) . <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.
<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.